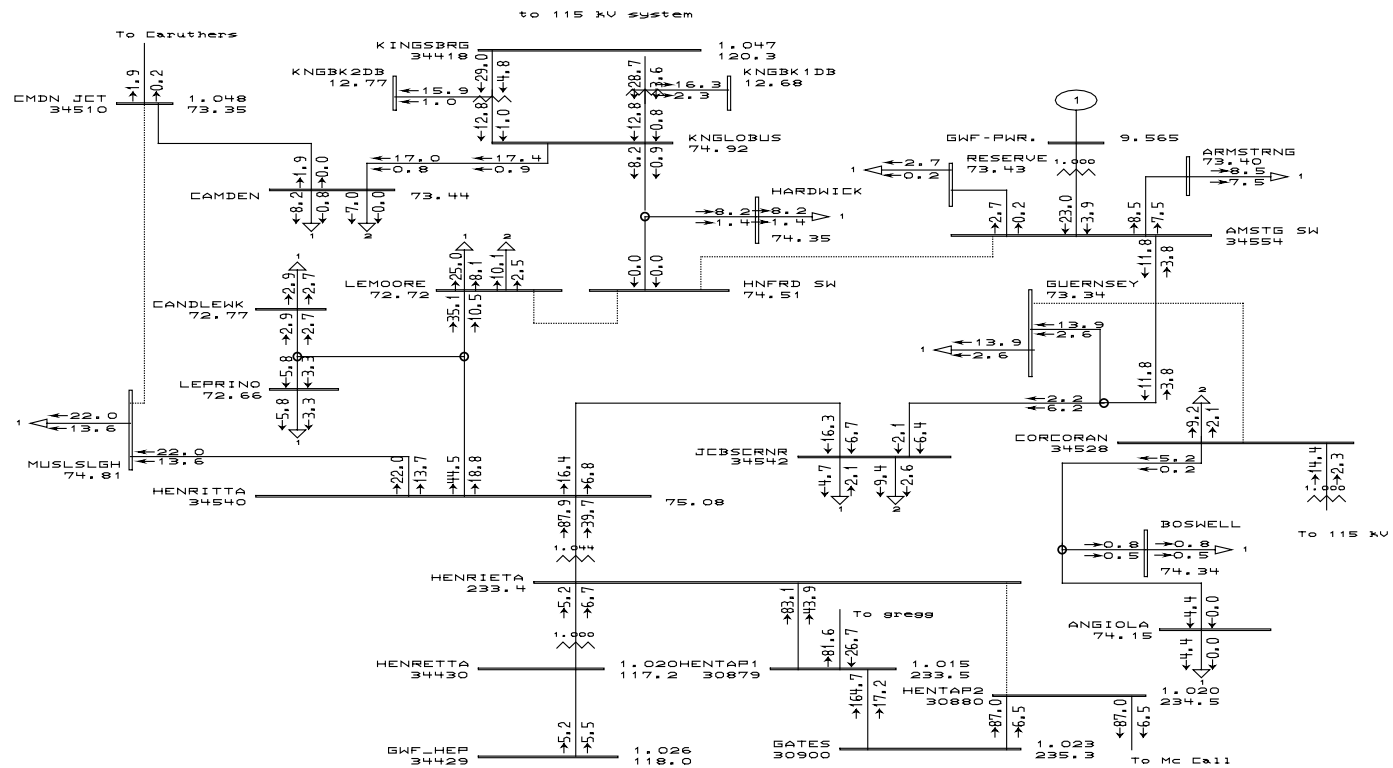

Appendix D

Steady State Power Flow Plots

<u>Plot</u>	<u>Description</u>
Plot #1	Without GWF Henrietta –Summer '02, MW/MVAR Base case, all facilities in service.
Plot #2	Without GWF Henrietta –Summer '02, Amps/ %(of MVA1 rating) Base case, all facilities in service.
Plot #3	With GWF Henrietta –Summer '02, MW/MVAR Base case, all facilities in service.
Plot #4	With GWF Henrietta –Summer '02, Amps/ %(of MVA1 rating) Base case, all facilities in service.
Plot #5	Without GWF Henrietta –Spring '03, MW/MVAR Base case, all facilities in service.
Plot #6	Without GWF Henrietta –Spring '03, Amps/ %(of MVA1 rating) Base case, all facilities in service.
Plot #7	With GWF Henrietta –Spring '03, MW/MVAR Base case, all facilities in service.
Plot #8	With GWF Henrietta –Spring '03, Amps/ %(of MVA1 rating) Base case, all facilities in service.
Plot #9	With GWF Henrietta –Summer '02, Amps/ %(of MVA2 rating) B outage: Guernsey-Henrietta 70 kV (no overloads).
Plot #10	With GWF Henrietta –Summer '02, Amps/ %(of MVA2 rating) B outage: Henrietta-Lemoore 70 kV (no overloads).
Plot #11	With GWF Henrietta –Summer '02, Amps/ %(of MVA2 rating) B outage: Henrietta-Kingsburg 115 kV (no overloads).
Plot #12	With GWF Henrietta –Summer '02, Amps/ %(of MVA2 rating) B outage: Gates-Gregg 230 kV (no overloads).
Plot #13	With GWF Henrietta –Summer '02, Amps/ %(of MVA2 rating) B outage: Gates-McCall 230 kV (no overloads).
Plot #14	With GWF Henrietta –Summer '02, Amps/ %(of MVA2 rating) B outage: Henrietta 230/115 kV #3 (no overloads).
Plot #15	Without GWF Henrietta –Summer Off Peak '02, MW/MVAR Base case, all facilities in service.
Plot #16	Without GWF Henrietta –Summer Off Peak '02, Amps/ %(of MVA1 rating) Base case, all facilities in service.
Plot #17	With GWF Henrietta –Summer Off Peak '02, MW/MVAR Base case, all facilities in service.
Plot #18	With GWF Henrietta –Summer Off Peak '02, Amps/ %(of MVA1 rating) Base case, all facilities in service.

GWF Henrietta Peaker Project S. I. S.
Before-Project



PLOT # 1

General Electric International, Inc.

PSLF Program

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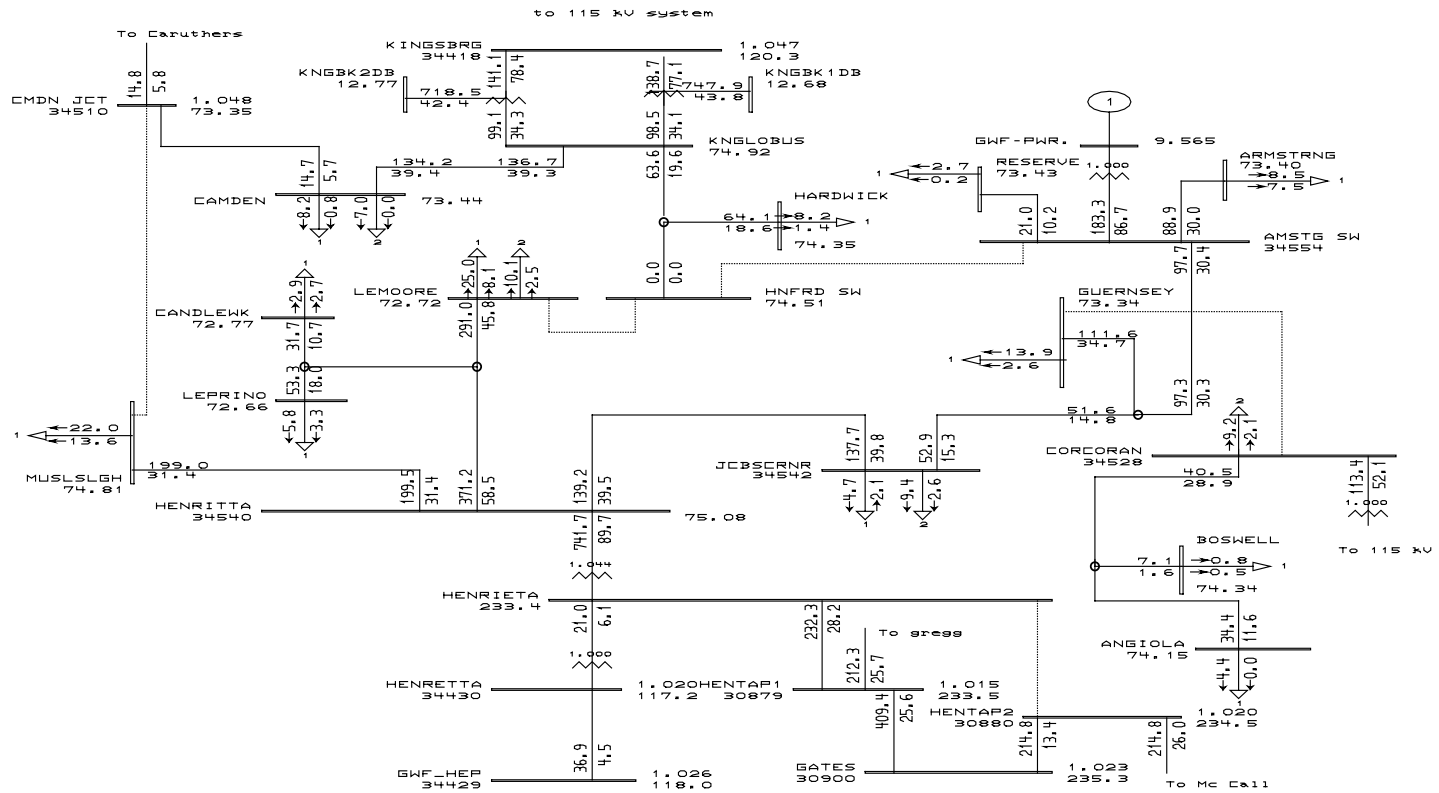
PG&E 2001 TRANSMISSION ASSESSMENT STUDY
2002SUMPK AREA 6 CASE: C01=4880MW (n2s), P26=2500MW (n2s)
1-IN-10 FORECAST; PG&E AREA LOADS/LOSSES=25,500MW; 3/6/2001

MW/MVAR

Tue Jun 12 22:16:55 2001

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GWF Henrietta Peaker Project S. I. S.
Before-Project



PLOT # 2

General Electric International, Inc.



GENERAL
ELECTRIC
COMPANY

PSLF Program

PG&E 2001 TRANSMISSION ASSESSMENT STUDY
2002SUMP/K AREA 6 CASE: COI=4880MW (n2s), P26=2500MW (n2s)
1-IN-10 FORECAST; PG&E AREA LOADS/LOSSES=25,500MW; 3/6/2001

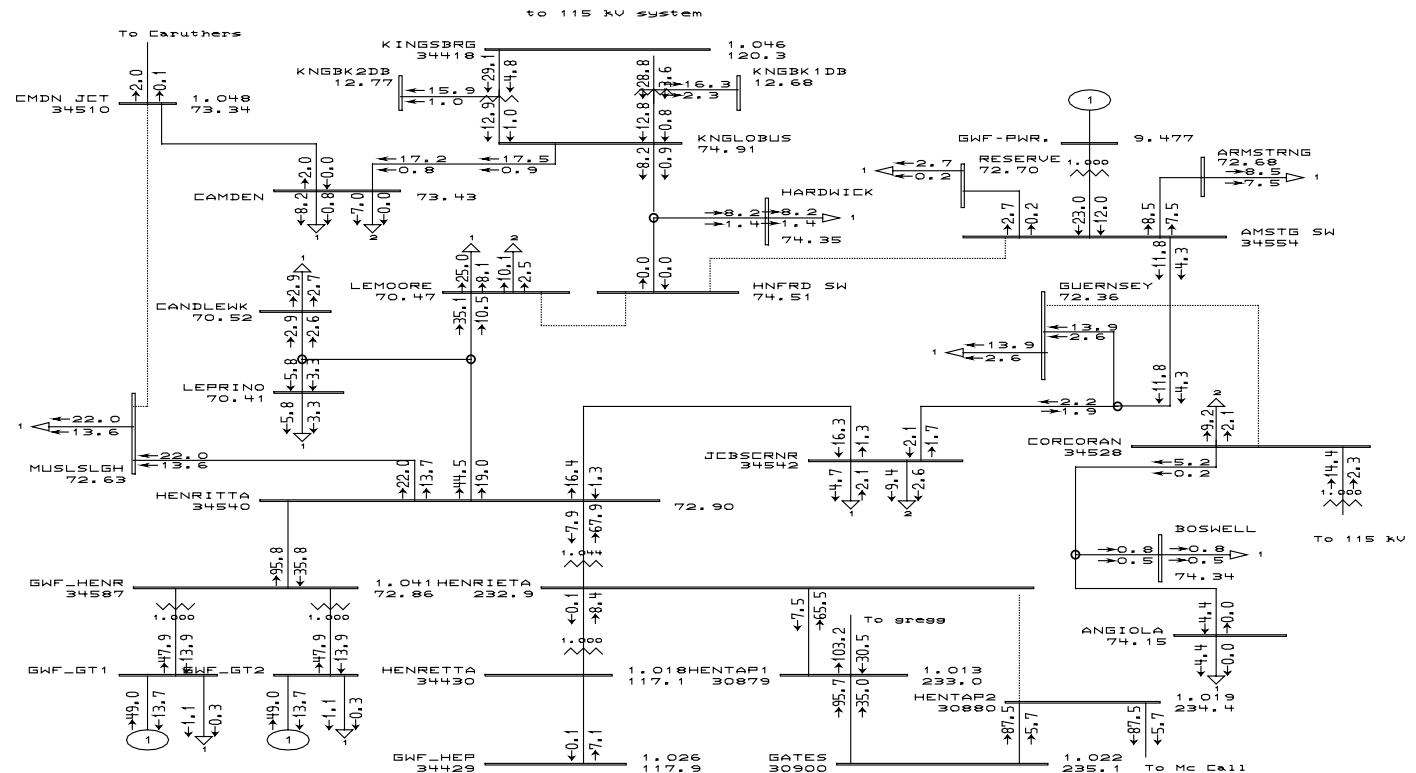
AMPS/Pct

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GWf Henrietta Peaker Project S. I. S.

After - Project



PLOT # 3

General Electric International, Inc. PSLE Program



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ELECTRIC
COMPANY

PG&E 2001 TRANSMISSION ASSESSMENT STUDY
2002SUMPX AREA 6 CASE1: C01=4880MW (n2s), P26=2500MW (n2s)
1-IN-10 FORECAST; PG&E AREA LOADS/LOSSES=25,500MW 3/6/2001

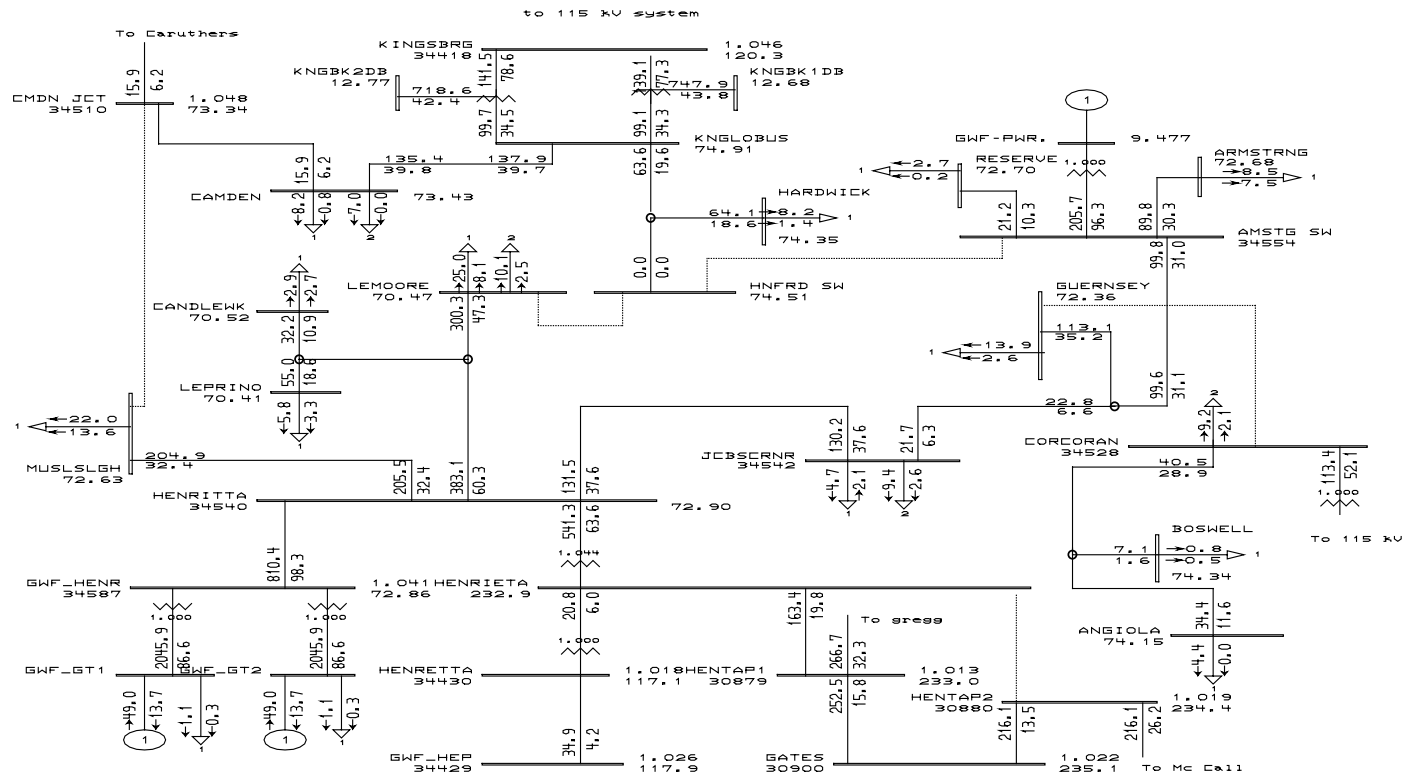
MW/MVAR

Tue Jun 12 22:29:27 2001

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GWf Henrietta Peaker Project S. I. S.

After - Project



PLOT # 4

General Electric International, Inc. PSLF Program



GENERAL
ELECTRIC
COMPANY

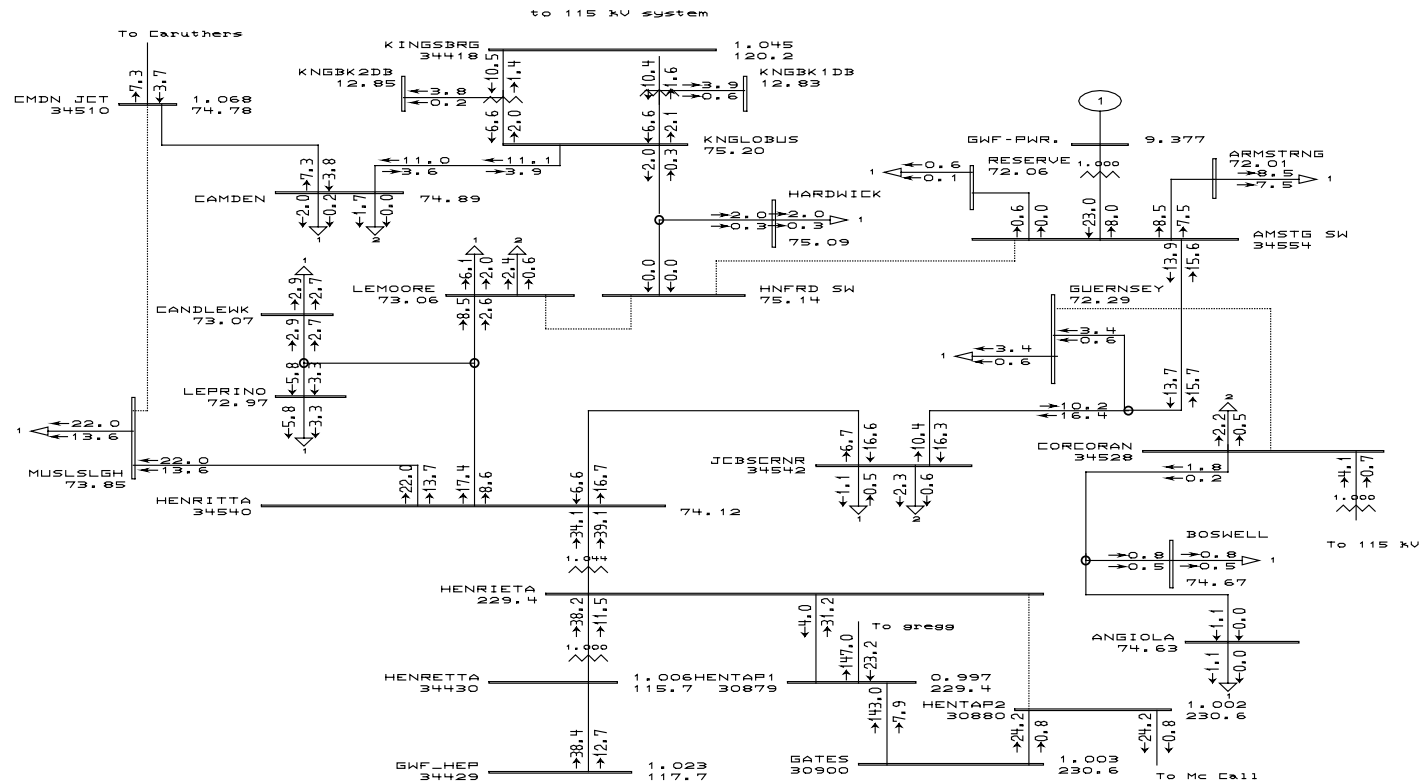
PB&E 2001 TRANSMISSION ASSESSMENT STUDY
2002SUMPX AREA 6 CASE1: C01=4880MM (n2s), P26=2500MM (n2s)
1-IN-10 FORECAST; PB&E AREA LOADS/LOSSES=25,500MM; 3/6/2001

AMP5/Pct

Tue Jun 12 22:32:37 2001

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GWf Henrietta Peaker Project S. I. S. Before-Project



PLOT # 5

General Electric International, Inc.



GENERAL
ELECTRIC
COMPANY

PSLF Program

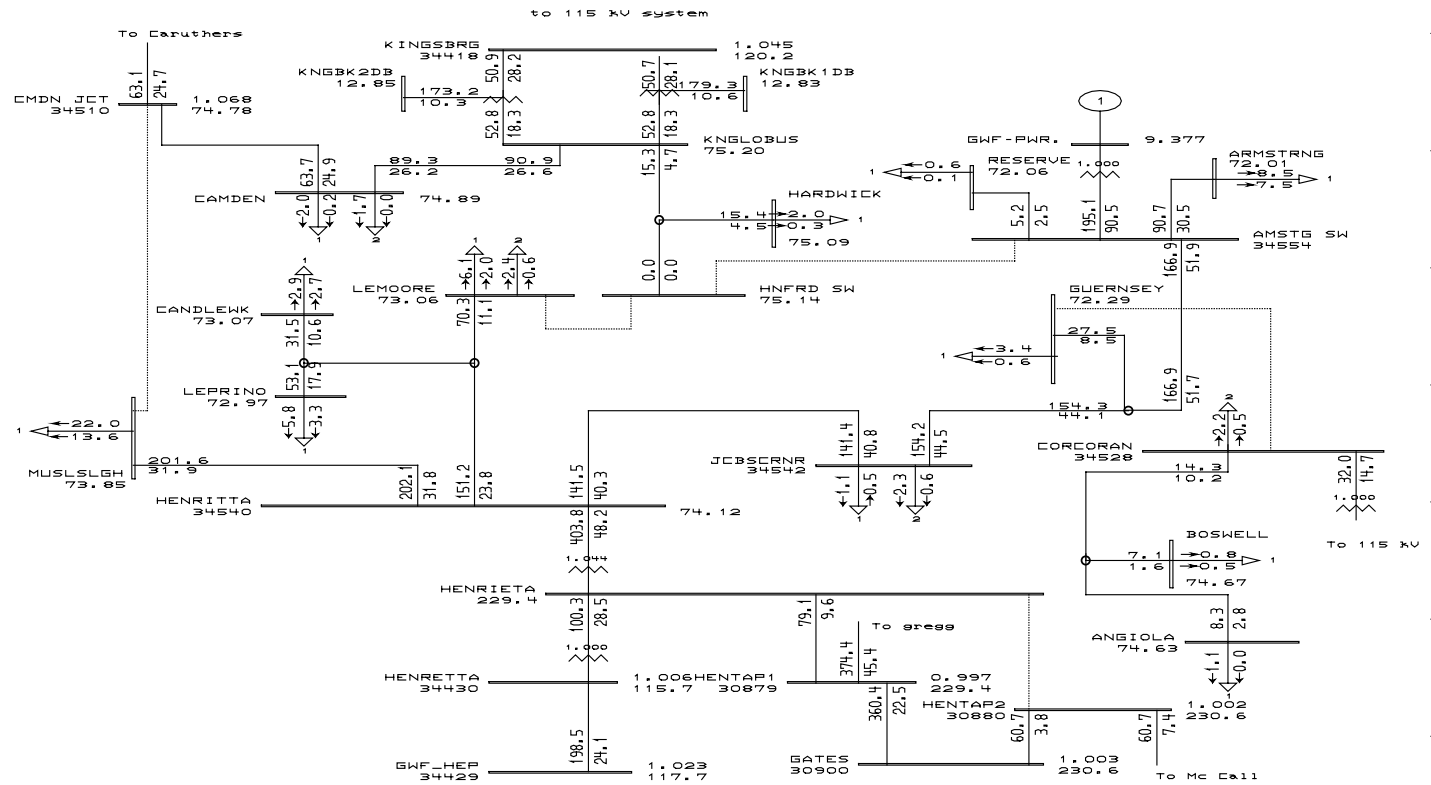
PE&E 2001 TRANSMISSION ASSESSMENT STUDY
2003 SPRING OFF PEAK CASE

MW/MVAR

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GWF Henrietta Peaker Project S. I. S. Before-Project



PLOT # 6

General Electric International, Inc.

PSLF Program



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PE&E 2001 TRANSMISSION ASSESSMENT STUDY
2003 SPRING OFF PEAK CASE

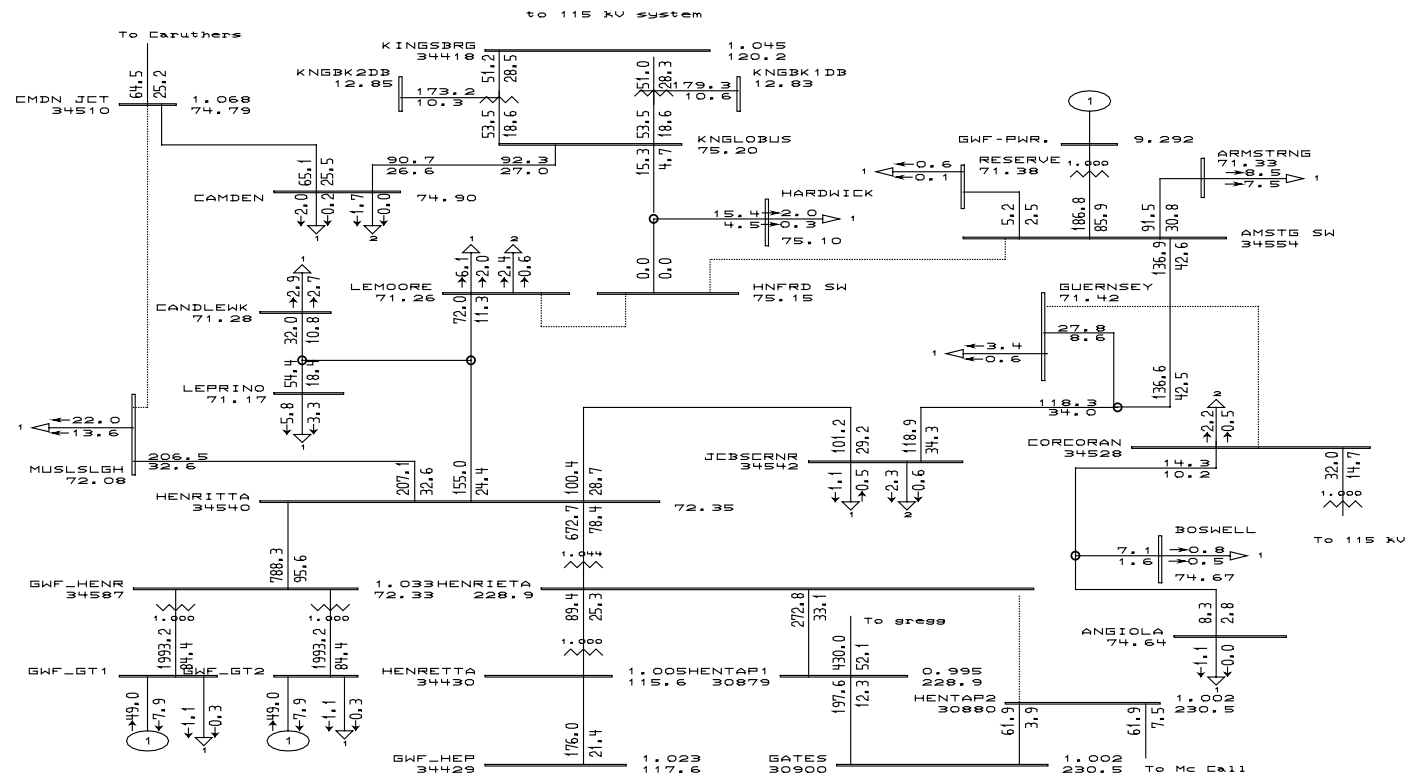
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GWF Henrietta Peaker Project S. I. S.

After - Project



PLOT # 7

General Electric International, Inc. PSLF Program



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PG&E 2001 TRANSMISSION ASSESSMENT STUDY 2003 SPRING OFF PEAK CASE
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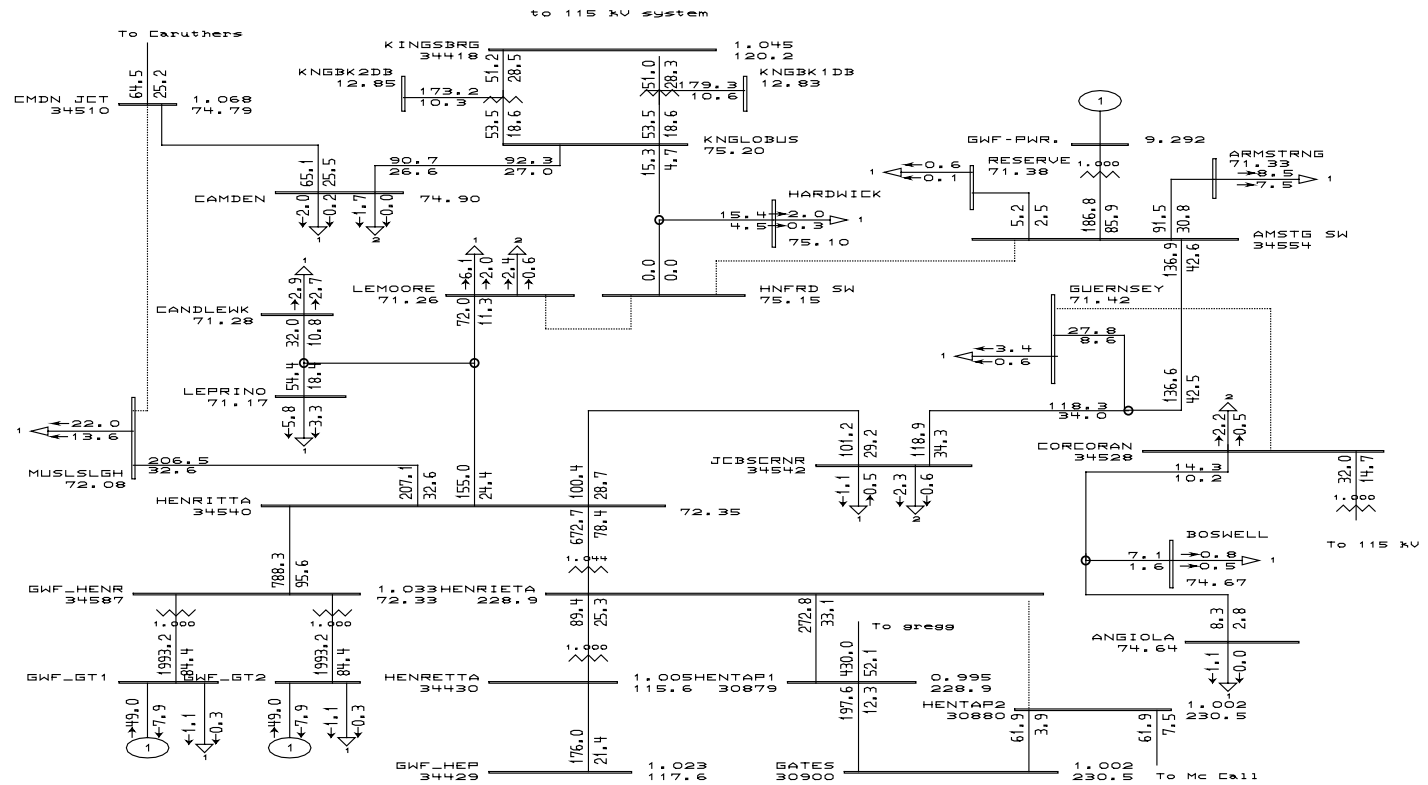
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GWF Henrietta Peaker Project S. I. S.

After-Project



PLOT # 8

General Electric International, Inc.



GENERAL
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PSLF Program

PE&E 2001 TRANSMISSION ASSESSMENT STUDY
2003 SPRING OFF PEAK CASE

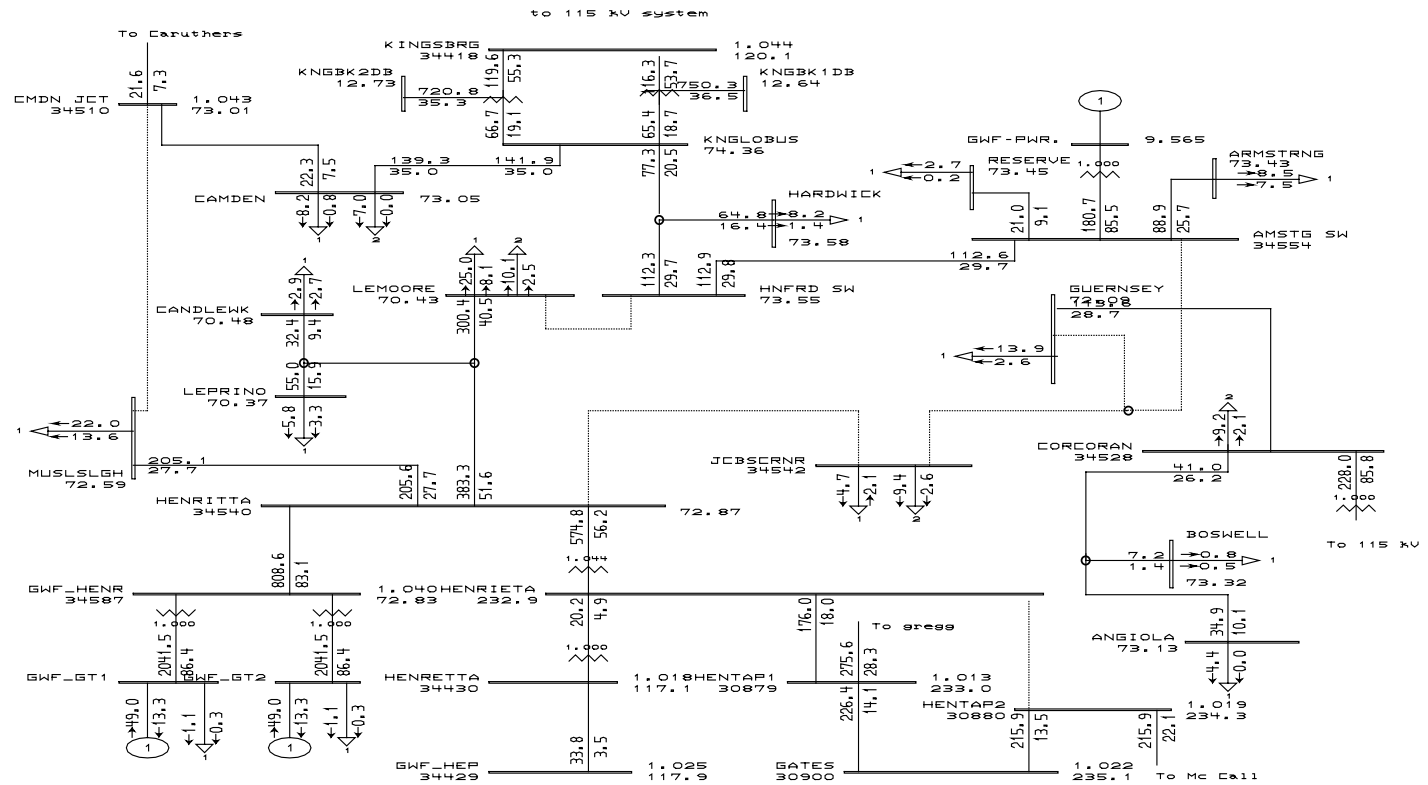
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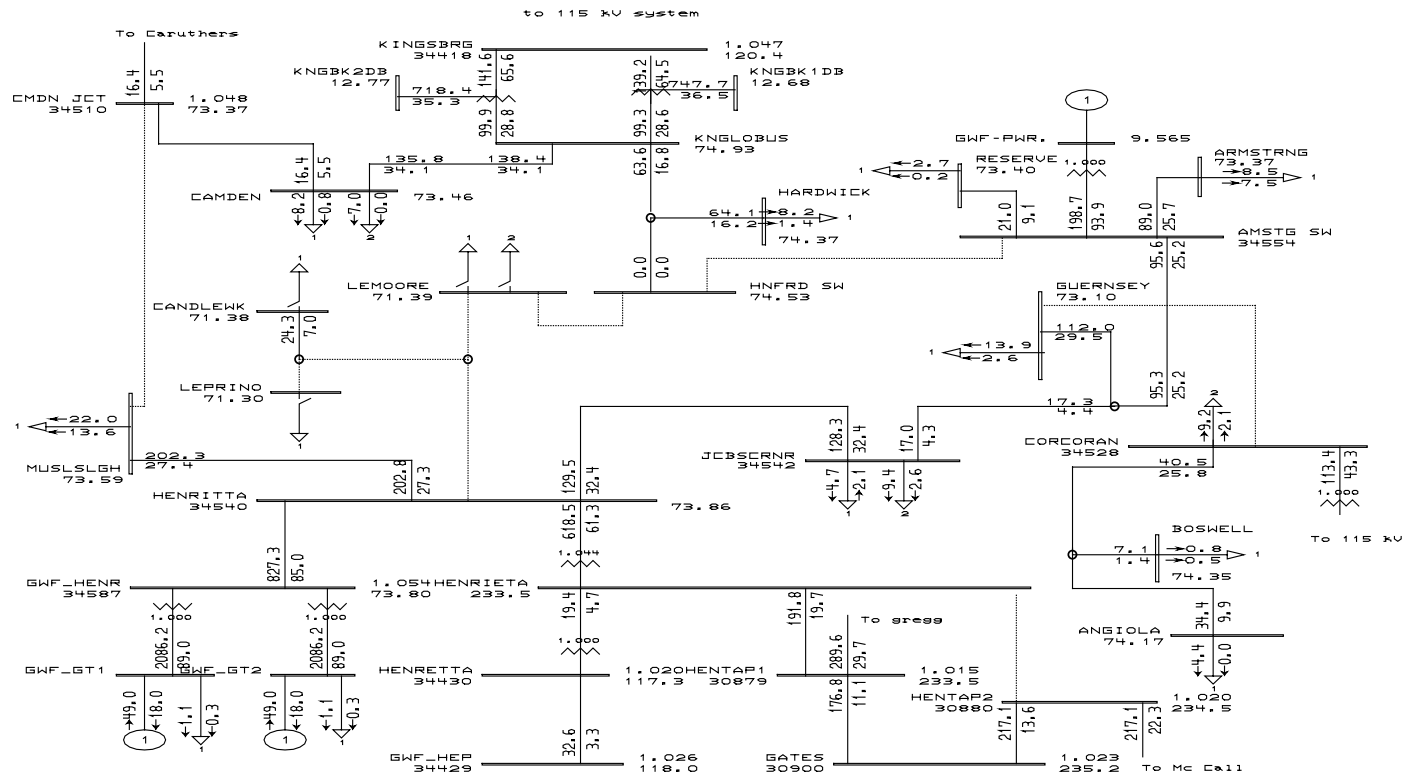
GWF Henrietta Peaker Project S.I.S.

After-Project



GWF Henrietta Peaker Project S. I. S.

After - Project



PLOT # 10

General Electric International, Inc. PSLF Program



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PG&E 2001 TRANSMISSION ASSESSMENT STUDY
2002SUMPK AREA 6 CASE: COI=4880MW (n2s), P26=2500MW (n2s)
1-IN-10 FORECAST; PG&E AREA LOADS/LOSSES=25,500MW; 3/6/2001

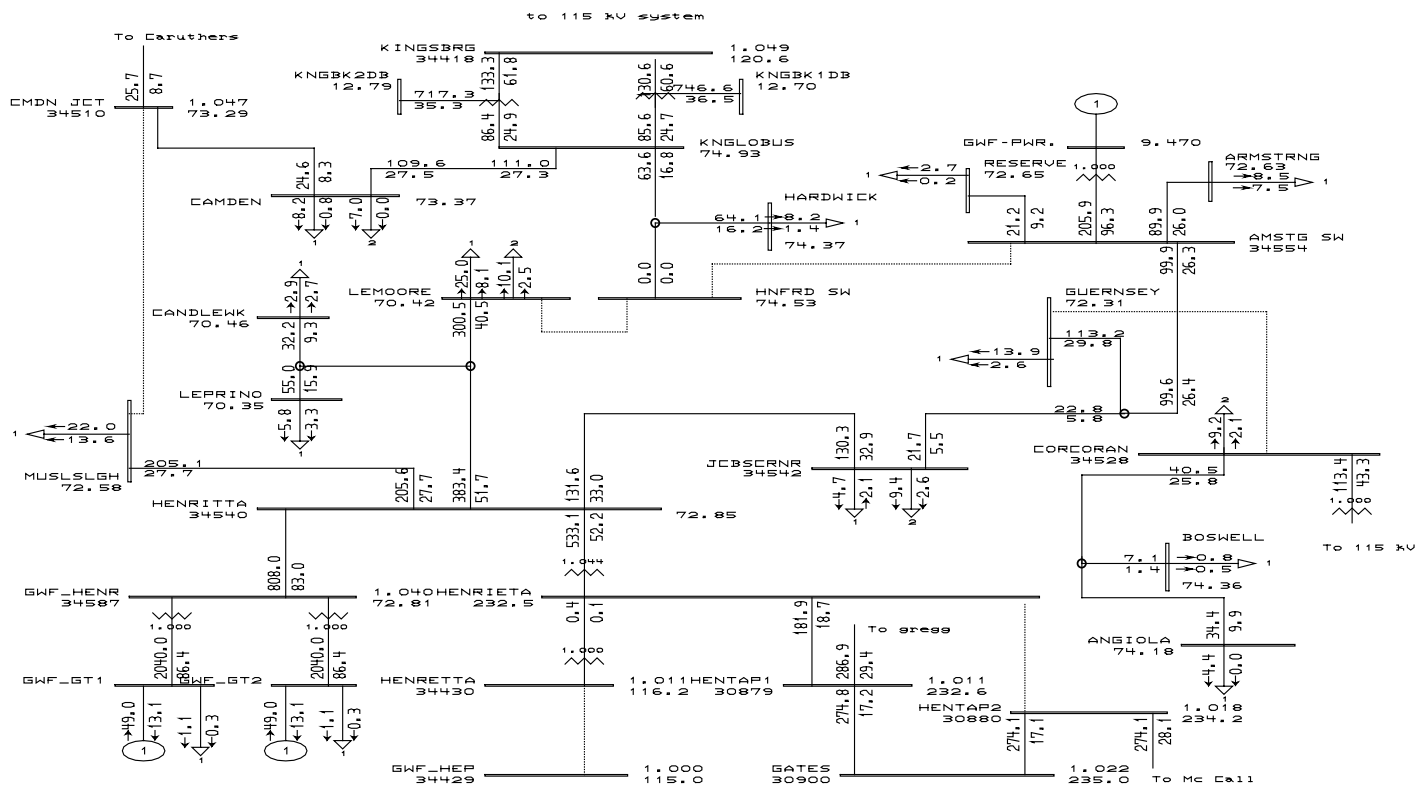
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GWFF Henrietta Peaker Project S.I.S.

After - Project



PLOT # 1 1

General Electric International, Inc. PSLF Program



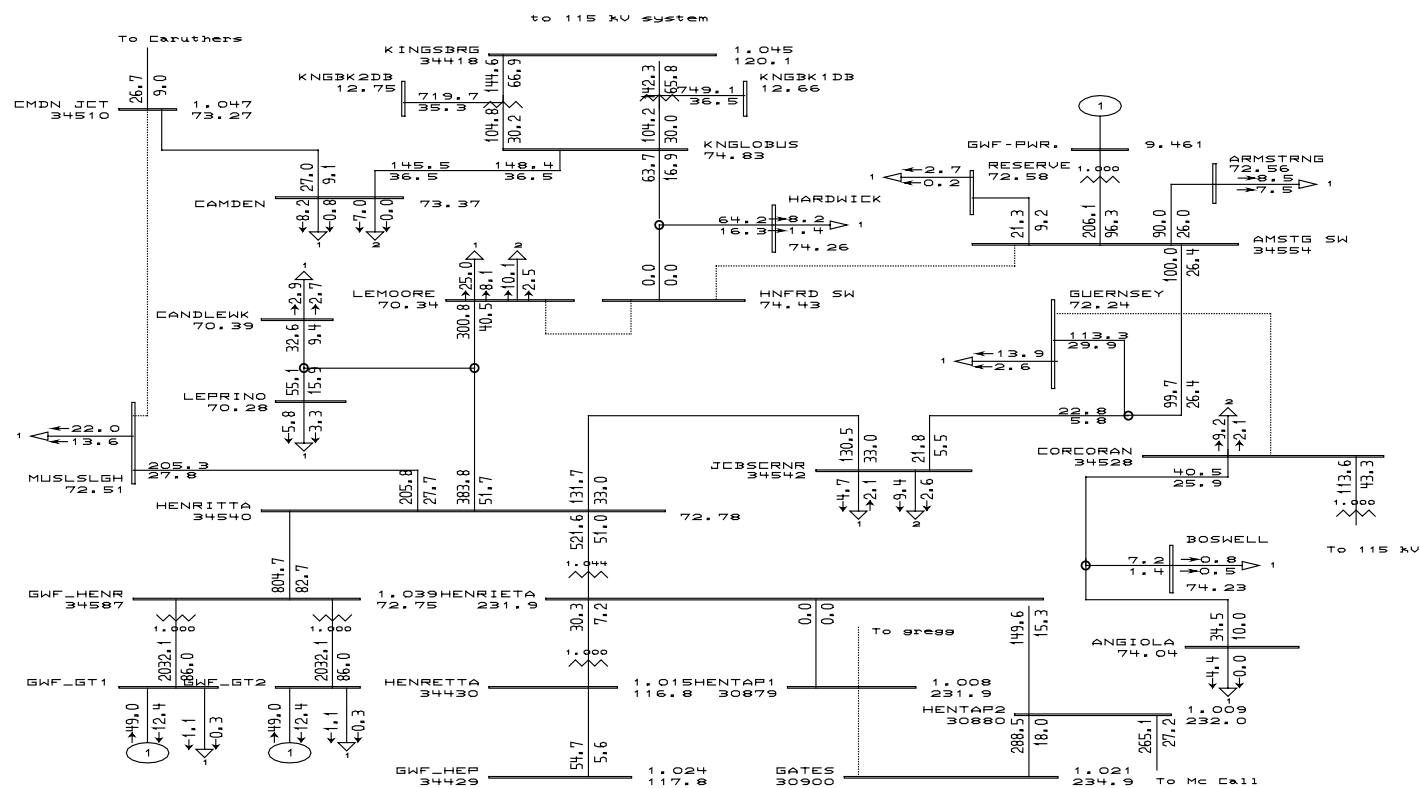
GENERAL
ELECTRIC
COMPANY

PG&E 2001 TRANSMISSION ASSESSMENT STUDY
2002SUMPK AREA 6 CASE: COI=4880MW (n2s), P26=2500MW (n2s)
1-IN-10 FORECAST: PG&E AREA LOADS/LOSSES=25,500MW; 3/6/2001

AMPS/Pct Tue Jun 12 22:55:24 2001

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After - Project



PLOT # 12

PSLF Program



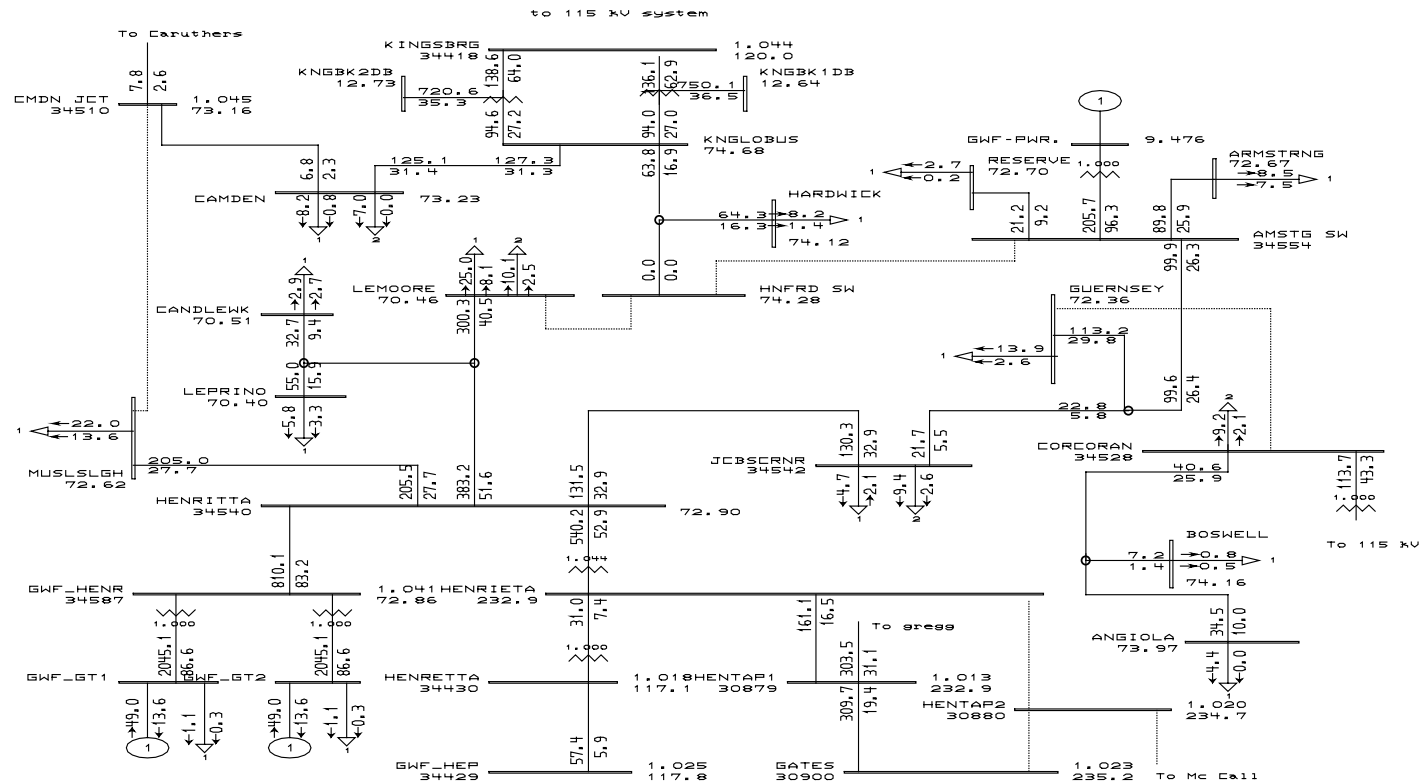
PG&E 2001 TRANSMISSION ASSESSMENT STUDY
2025LUMPK AREA 6 CASE: COI=4880MW (n2s), P26=2500MW (n2s)
1-IN-10 FORECAST; PG&E AREA LOADS/LOSSES=25,500MW; 3/6/2001

Tue Jun 12 23:01:20 2001

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GWF Henrietta Peaker Project S.I.S.

After-Project



PLOT # 13

General Electric International, Inc.

PSLF Program



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COMPANY

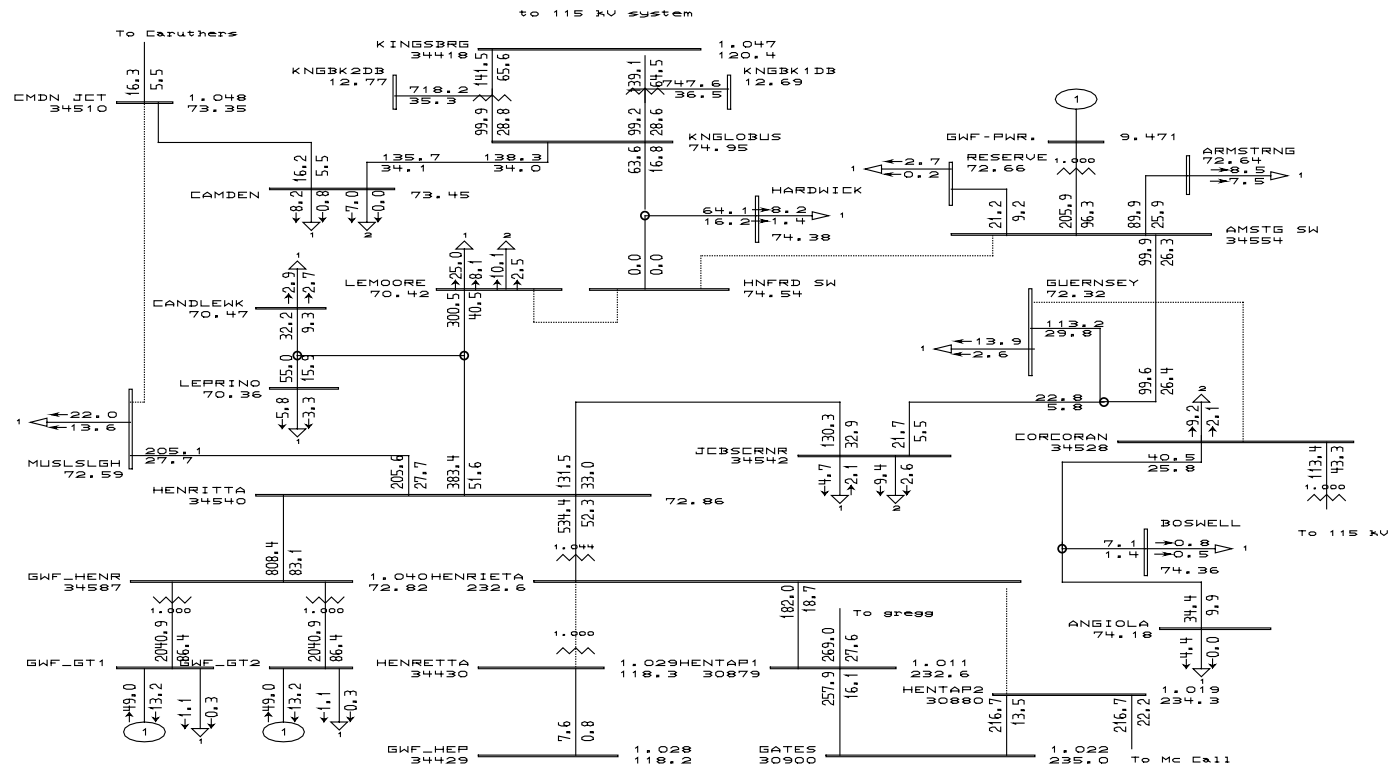
PE&E 2001 TRANSMISSION ASSESSMENT STUDY
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1-IN-10 FORECAST; PE&E AREA LOADS/LOSSES=25,500MW; 3/6/2001

AMPS/Pct

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GWf Henrietta Peaker Project S. I. S. After-Project

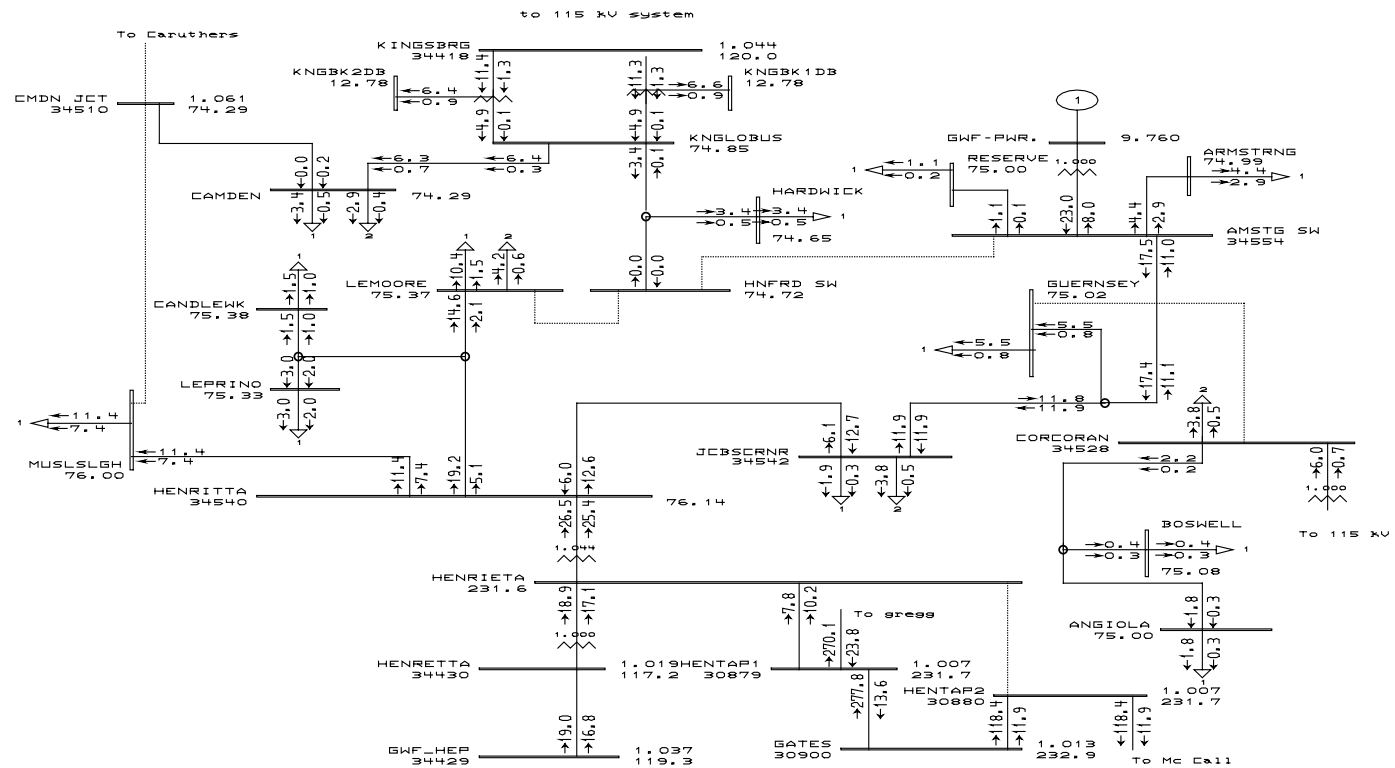


PLOT # 14

GWf Henrietta Peaker Project S. I. S.

Before-Project

PG&E Gen MW 12884.04
PG&E Load MW 12496.67



General Electric International, Inc. PS&F Program



PG&E 2001 SUMMER OFF-PEAK CASE
GWf HENRIETTA PEAKER PROJECT 96 MW - SUMMER OFF-PEAK - BEFORE PROJECT

MW/MVAR Sun Aug 05 20:31:27 2001

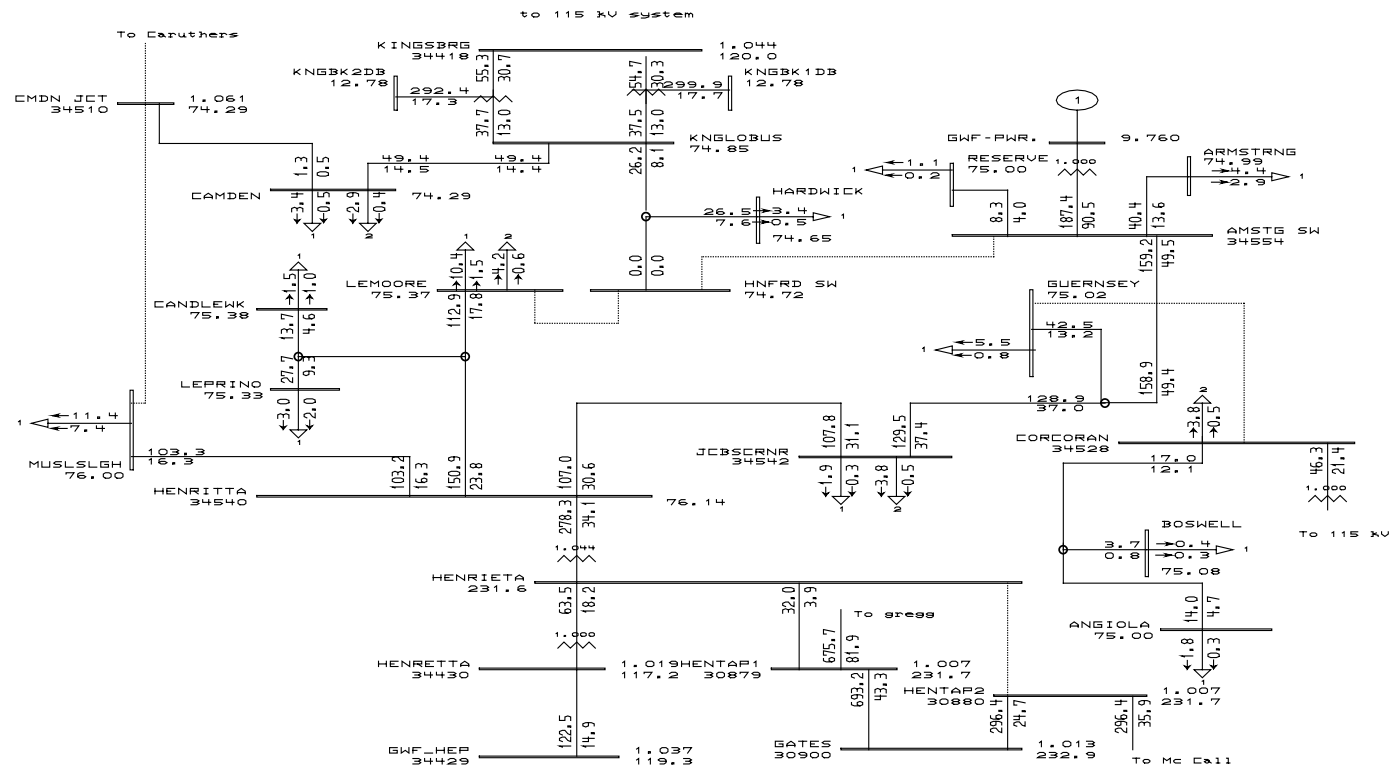
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GWF Henrietta Peaker Project S. I. S.

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PG&E Load MW 12496.67

Before - Project



General Electric International, Inc. PSLF Program



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COMPANY

PG&E 2001 SUMMER OFF-PEAK CASE
GWf HENRIETTA PEAKER PROJECT 96 MW - SUMMER OFF-PEAK - BEFORE PROJECT

AMP5/Pct Sun Aug 05 20:34:02 2001

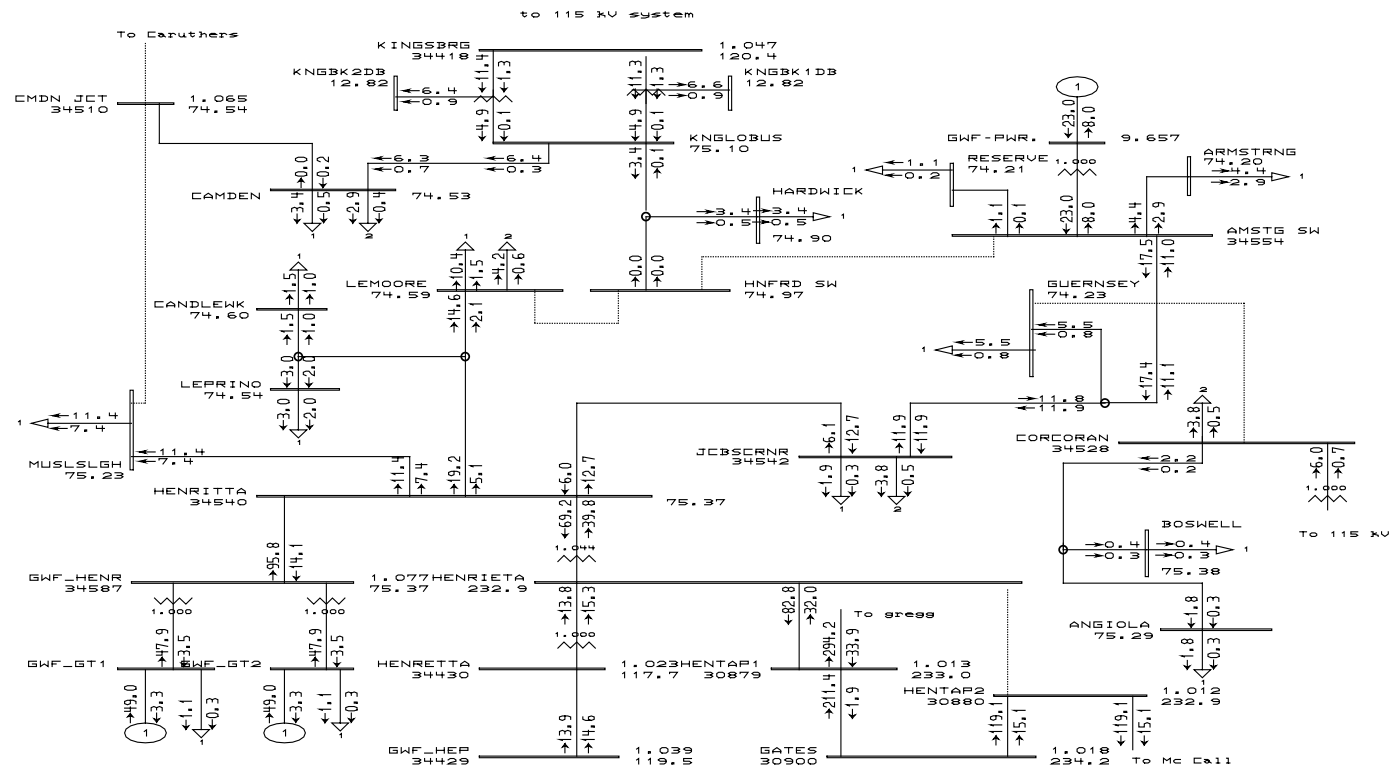
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GWF Henrietta Peaker Project S. I. S.

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PG&E Load MW 12498.87

After - Project



General Electric International, Inc. PSLF Program



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PG&E 2001 SUMMER OFF-PEAK CASE	
GWf HENRIETTA PEAKER PROJECT 96 MW - SUMMER OFF-PEAK - AFTER PROJECT	

MW/MVAR Sun Aug 05 20:07:41 2001

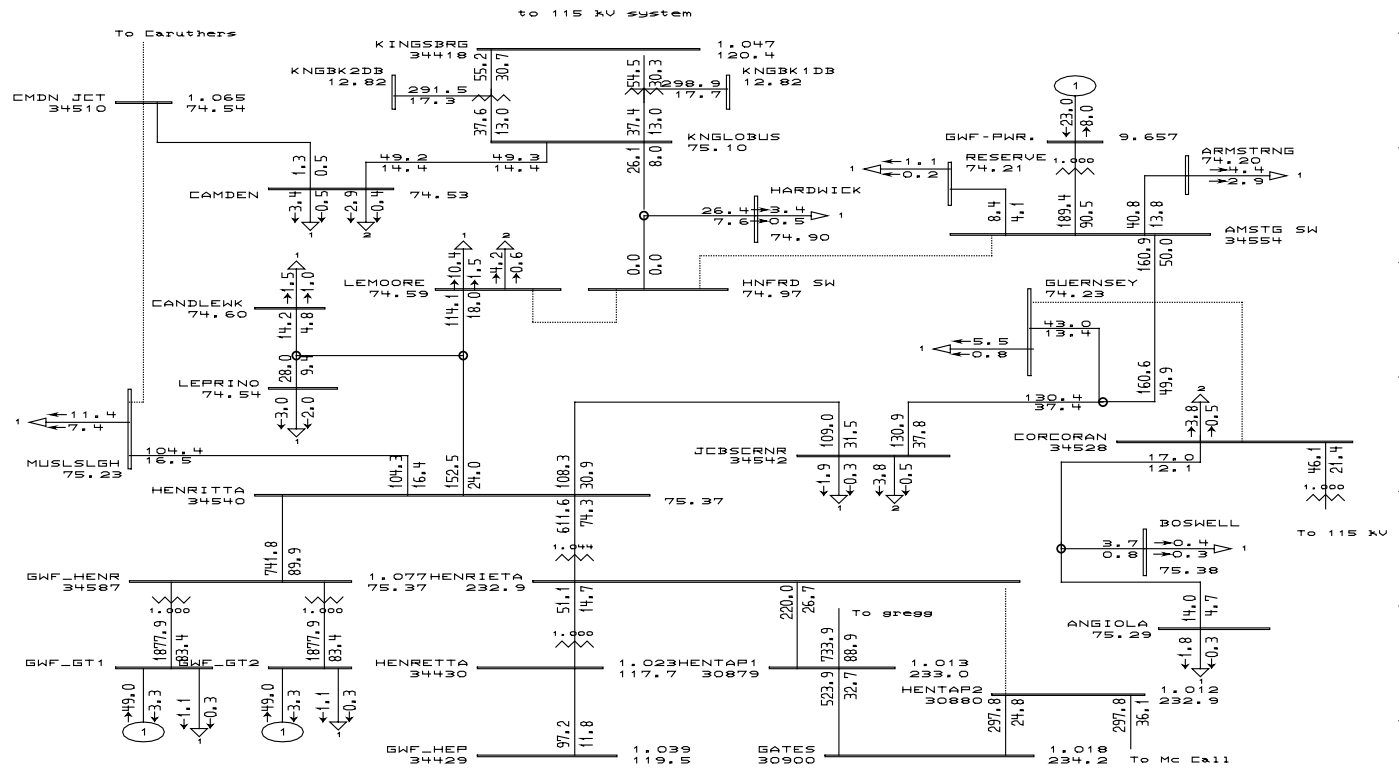
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GWF Henrietta Peaker Project S. I. S.

PG&E Gen MW	12887.56
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_PG&E Load MW 12498.87

After - Project



General Electric International, Inc. PSLF Program



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COMPANY

PG&E 2001 SUMMER OFF-PEAK CASE
GWF HENRIETTA PEAKER PROJECT 96 MW - SUMMER OFF-PEAK - AFTER PROJECT

AMP5/Pct Sun Aug 05 20:09:01 2001

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